Commonwealth of Kentucky

Natural Resources and Environmental Protection Cabinet Department for Environmental Protection

Division for Air Quality 803 Schenkel Lane Frankfort, Kentucky 40601 (502) 573-3382

Conditional Major AIR QUALITY PERMIT

Permittee Name: Pella Corporation
Mailing Address: 102 Main Street
Pella, IA 50219

Source Name: Pella Corporation-Murray Operations

Mailing Address: Same as above

Source Location: 307 Pella Way

Murray, KY 42071

Permit Number: F-02-022

Log Number: 54808 (Confidentiality log# 54809)

Review Type: Conditional Major Source ID #: 21-035-00045

Regional Office: Paducah Region

4500 Clarks River Road Paducah, KY 42003-0823

County: Calloway

Application

Complete Date: August 30, 2002
Issuance Date: November 25, 2002
Expiration Date: November 25, 2007

John S. Lyons, Director Division for Air Quality

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SECTION A - PERMIT AUTHORIZATION

Pursuant to a duly submitted application the Kentucky Division for Air Quality hereby authorizes the construction of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first having submitted a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in 401 KAR 52:030, Federally-enforceable permits for non-major sources.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by this Cabinet or any other federal, state, or local agency.

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SECTION B - AFFECTED FACILLITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

PLANT 1

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SECTION B - AFFECTED FACILLITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

EP01 Molding process

Description:

Maximum estimated of polyester resin usage: 2549 lbs per hour

Construction commenced: Projected for October 2002.

No control equipment

APPLICABLE REGULATIONS: N/A

1. **Operating Limitations**:

- A. All the resin that is applied to the reinforcement is delivered directly to the die.
- B. No exposed resin is present except at the face of the die.
- C. Resin drip is capture in closed piping and recycled directly to the resin injection chamber.
- **2. Emission Limitations:** See Section D.

Compliance Demonstration Methods:

Monthly styrene emission = $(0.0026 \text{ lb styrene/lb polyester resin}) \times (\text{monthly usage of resin})$

3. Testing Requirements:

Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005, Section 2(2) and 401 KAR 59:045, Section 4.

4. Specific Monitoring Requirements: See Recordkeeping

5. Specific Recordkeeping Requirements: See Section D

6. Specific Reporting Requirements: See Section D

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SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

EP02 Chop Saw Operations

Description: This emission consists of chop saws-miter saws-routers-up to 200 units. Particulate is generated when product from EP01 is cut to size using chop saws.

Exhaust from each saw or router is filtered through a fabric filter to collect sawdust with air returned into the plant.

Drills and equipment not generating airborne particulate are not controlled

Construction commenced:

Projected for September 2002

APPLICABLE REGULATIONS: 401 KAR 59:010, New process operations, applies to the particulate matter emissions from affected facilities constructed after July 2, 1975.

1. Operating Limitations:

The usage rate of materials used in all affective facilities shall be limited so as not to exceed the emission limitations in the section B(2) below.

2. Emission Limitations:

- A. Visible emissions shall not equal or exceed 20% opacity. 401 KAR 59:010, Section 3(1)(b)
- B. Particulate emissions shall not equal or exceed 2.34 lbs/hr. 401 KAR 59:010, Section 3(2)

Compliance Demonstration Method:

The permittee shall install and operate fabric filters on installed saws and routers. The above mentioned emission units shall be operated only when the fabric filters is operating properly to control particulate emissions. These affected facilities are assumed to be in compliance with the particulate matter mass emissions limits as long as the fabric filters are operating properly.

3. Testing Requirements:

Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005, Section 2(2) and 401 KAR 59:045, Section 4.

4. **Specific Monitoring Requirements:**

The fabric filters shall be monitored and checked daily before the unit is operated.

5. Specific Recordkeeping Requirements:

The date of each fabric filter replacement shall be recorded.

Specific Reporting Requirements:

The permittee shall report dates when fabric filters are replace

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SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

7. <u>Specific Control Equipment Operating Conditions</u>:

The fabric filters shall be operated and maintained according to manufacturer's specifications. See also Source Control Equipment Requirements in Section E.

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SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

EP05 Three (3) Glass Cleaners

Description:

Recirculating water bath with isopropyl alcohol (VOC) glass cleaner.

Construction commenced: Projected for October 2002.

APPLICABLE REGULATIONS: None

1. Operating Limitations:

The usage rate of materials used in all affective facilities shall be limited so as not to exceed the emission limitations in the section B(2) below.

2. Emission Limitations: See Section D

3. <u>Testing Requirements</u>:

Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005, Section 2(2) and 401 KAR 59:045, Section 4.

4. Specific Monitoring Requirements: See Recordkeeping

5. Specific Recordkeeping Requirements: See Section D

6. Specific Reporting Requirements: See Section D

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SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

EP06 Five (5) Assembly lines – Dow Sealants and Caulks

MP01: Maintenance activities.

Description:

Sealants and caulks are used to construct insulated glass assemblies, to mate glass to support frame and to apply to surfaces to prevent the accumulation of water.

Sealants and caulks are used to mate glass to support frame (lineal)

Sealants and caulks are applied to surfaces to prevent the accumulation of water

Sealants and caulks are a paste like material that cures in the presence of air.

No control equipment.

Construction commenced: Projected for October 2002

APPLICABLE REGULATIONS: None

1. **Operating Limitations:**

The usage rate of materials used in all affective facilities shall be limited so as not to exceed the emission limitations in the section B(2) below.

2. Emission Limitations: See Section D

3. Testing Requirements:

Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005, Section 2(2) and 401 KAR 59:045, Section 4.

4. Specific Monitoring Requirements: See Recordkeeping

5. Specific Recordkeeping Requirements: See Section D

6. Specific Reporting Requirements: See Section D

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SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

EP07 Three (3) Drying ovens

Description:

Drying chambers using Natural Gas as fuel. Each oven has two (2) 3MMBTU burner. Exhausts through 6 separate stacks

Construction commenced: Projected for October 2002.

APPLICABLE REGULATIONS: None

1. **Operating Limitations:** None

2. Emission Limitations: See Section D

3. Testing Requirements: None

3. Specific Monitoring Requirements: See Recordkeeping.

5. **Specific Recordkeeping Requirements:** See Section D.

6. Specific Reporting Requirements: See Section D.

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SECTION B - AFFECTED FACILLITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

PLANT 2

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SECTION B - AFFECTED FACILLITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

EP08 Chop Saw Operations

<u>Description</u>: This emission consists of chop saws-miter saws-routers-up to 40 units. Particulate is generated when product is cut to size using chop saws.

Exhaust from each saw or router is filtered through a fabric filter to collect sawdust with air returned into the plant.

Drills and equipment not generating airborne particulate are not controlled

Construction commenced:

Projected for September 2002

APPLICABLE REGULATIONS: 401 KAR 59:010, New process operations, applies to the particulate matter emissions from affected facilities constructed after July 2, 1975.

1. Operating Limitations:

The usage rate of materials used in all affective facilities shall be limited so as not to exceed the emission limitations in the section B(2) below.

2. <u>Emission Limitations</u>:

- A. Visible emissions shall not equal or exceed 20% opacity. 401 KAR 59:010, Section 3(1)(b)
- B. Particulate emissions shall not equal or exceed 2.34 lbs/hr. 401 KAR 59:010, Section 3(2)

Compliance Demonstration Method:

The permittee shall install and operate fabric filters on installed saws and routers. The above mentioned emission units shall be operated only when the fabric filters is operating properly to control particulate emissions. These affected facilities are assumed to be in compliance with the particulate matter mass emissions limits as long as the fabric filters are operating properly.

3. Testing Requirements:

Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005, Section 2(2) and 401 KAR 59:045, Section 4.

4. Specific Monitoring Requirements:

The fabric filters shall be monitored and checked daily before the unit is operated.

5. Specific Recordkeeping Requirements:

The date of each fabric filter replacement shall be recorded.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

6. Specific Reporting Requirements:

The permittee shall report dates when fabric filters are replaced.

7. Specific Control Equipment Operating Conditions:

The fabric filters shall be operated and maintained according to manufacturer's specifications. See also Source Control Equipment Requirements in Section E.

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SECTION B - AFFECTED FACILLITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

EP09 Five (5) Glass Cleaners

Description:

Recirculating water bath with isopropyl alcohol (VOC) glass cleaner.

Construction commenced: Projected for October 2002.

APPLICABLE REGULATIONS: None

1. **Operating Limitations**:

The usage rate of materials used in all affective facilities shall be limited so as not to exceed the emission limitations in the section B(2) below.

2. Emission Limitations: See Section D

3. <u>Testing Requirements</u>:

Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005, Section 2(2) and 401 KAR 59:045, Section 4.

5. Specific Monitoring Requirements: See Recordkeeping

5. Specific Recordkeeping Requirements: See Section D

6. Specific Reporting Requirements: See Section

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SECTION B - AFFECTED FACILLITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

EP10 Insulated Glass (IG) Sealant System

MP01: Maintenance activities.

Description:

No control equipment.

Construction commenced: Projected for October 2002

APPLICABLE REGULATIONS: None

1. **Operating Limitations:**

The usage rate of materials used in all affective facilities shall be limited so as not to exceed the emission limitations in the section B(2) below.

2. Emission Limitations: See Section D

3. <u>Testing Requirements</u>:

Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005, Section 2(2) and 401 KAR 59:045, Section 4.

6. Specific Monitoring Requirements: See Recordkeeping

7. Specific Recordkeeping Requirements: See Section D

6. Specific Reporting Requirements: See Section D

SECTION C - INSIGNIFICANT ACTIVITIES

The following listed activities have been determined to be insignificant activities for this source pursuant to 401 KAR 52:030, Section 6. While these activities are designated as insignificant the permittee must comply with the applicable regulation and some minimal level of periodic monitoring may be necessary.

Description	Generally Applicable Regulation
1. EP03: Powder coating	59:010
2. EP04: Conductive coating (Pre-coating) (three-stage washer)	59:010
3. Emergency Standby Diesel Generator 400 hp, #2 diesel fuel (<500 hrs/year)	None
4. Four (4) Styrene resin storage tank	None

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SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS

Emission Limitations:

The emissions of volatile organic compounds (VOC) shall not exceed 90.0 tons during any consecutive twelve (12) month period. The combined HAPs shall be less than 22.5 tons and any single HAP emissions shall be less than 9.0 tons during any consecutive twelve (12) month period. [Conditional major source-wide emissions limitation including Insignificant Activities listed in SECTION C].

Compliance Demonstration Methods for emissions EP 04, EP06, EP09, and EP10:

Monthly VOC/HAP emission = EF x (monthly unit windows production)

EF: Emission Factors (lb VOC/HAP emitted per unit window) is listed in the Kentucky Emission Inventory System.

Specific Recordkeeping Requirements:

- 1. Monthly records of gallons of resin applied shall be kept.
- 2. Monthly unit production (windows and window frames) shall be recorded.
- 3. A rolling 12 months summary for each month of the quarter, showing tons of VOC and HAPs emitted.
- All purchase orders and invoices for materials containing VOCs and HAPs shall be made available for inspection upon request by any duly authorized representatives of the Division for Air Quality.
- 5. Natural gas usage for drying ovens shall be recorded.
- 6. All records shall be retained for a period of five years.
- 7. Also See Section F.

Specific Reporting Requirements:

- 1. Any deviations from requirements of section B shall be reported.
- 2. The VOC emission calculation for each month in the semi-annual period shall be reported.
- 3. The individual HAP emission calculation for each month in the semi-annual period shall be reported.
- 4. The combined HAPs emission calculation for each month in the semi-annual period shall be reported.
- 5. The rolling 12 month total for VOC during each month in the semi-annual period shall be reported.
- 6. The rolling 12 month total of individual HAP's for each month in the semi-annual period shall be reported.
- 7. The rolling 12 month total of combined HAP's for each month ending in the semi-annual period shall be reported.

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SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS

1. Pursuant to 401 KAR 50:055, Section 2(5), at all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the division which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

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SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS

- 1. Pursuant to Section 1b (IV)(1) of the materials incorporated by reference in 401 KAR 52:030 Section 10, when continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include:
 - a. Date, place (as defined in this permit), and time of sampling or measurements;
 - b. Analyses performance dates;
 - c. Company or entity that performed analyses;
 - d. Analytical techniques or methods used;
 - e. Analyses results; and
 - f. Operating conditions during time of sampling or measurement.
- 2. Pursuant to Section 1b (IV)(1) of the materials incorporated by reference in 401 KAR 52:030 Section 10, records of all required monitoring data, support information (including calibrations, maintenance records, and original strip chart recordings), and reports required by the Division for Air Quality shall be retained by the permittee for a period of five years. In accordance with Section 1a (7) of the materials incorporated by reference in 401 KAR 52:030 Section 10 and 401 KAR 52:030 Section 3(1)(f)1a, these records shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality.
- 3. In accordance with the requirements of 401KAR 52:030 Section 3(1)(f) the permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times:
 - Access and copy any records required by this permit, enter upon the premises to inspect
 any facility, equipment (including air pollution control equipment), practice, or operation;
 and
 - b. Sample or monitor substances or parameters that affect compliance with the permit or any applicable requirements.

Reasonable times include all hours of operation, normal office hours, and during an emergency.

- 4. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.
- 5. Summary reports of any monitoring required by this permit, other than continuous emission or opacity monitors, shall be submitted to the Regional Office listed on the front of this permit at least every six (6) months during the life of this permit, unless otherwise stated in this permit. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation.

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SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

- 6. The semi-annual reports are due prior to January 30th and July 30th of each year. Data from the continuous emission and opacity monitors shall be reported to the Technical Services Branch in accordance with the requirements of 401 KAR 59:005, General Provisions, Section 3(3). All reports shall be certified by a responsible official pursuant to 401 KAR 52:030 Section 22. All deviations from permit requirements shall be clearly identified in the reports.
- In accordance with the provisions of 401KAR 50:055, Section 1 the owner or operator shall notify the Regional Office listed on the front of this permit concerning startups, shutdowns, or malfunctions as follows:
 - a. When emissions during any planned shutdowns and ensuing startups will exceed the standards notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
 - b. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards notification shall be made as promptly as possible by telephone (or other electronic media) and shall cause written notice upon request.
- Pursuant to Section 1b V(3) and (4) of the material incorporated by reference in 401 KAR 52:030 Section 10, the owner or operator shall report emission related exceedances from permit requirements including those attributed to upset conditions (other than emission exceedances covered by Section F.7 above) to the Regional Office listed on the front of this permit within 30 days. Other deviations from permit requirements shall be included in the semiannual report required by Section F.5.
- 9 Pursuant to 401KAR 52:030, Section 21, the permittee shall annually certify compliance with the terms and conditions contained in this permit by completing and returning a Compliance Certification Form (DEP 7007CC) (or an approved alternative) to the Regional Office listed on the front of this permit in accordance with the following requirements:
 - a. Identification of each term or condition of the permit that is the basis of the certification;
 - b. The compliance status regarding each term or condition of the permit;
 - c. Whether compliance was continuous or intermittent; and
 - d. The method used for determining the compliance status for the source, currently and over the reporting period.
 - e. For an emissions unit that was still under construction or which has not commenced operation at the end of the year covered by the annual compliance certification, the permittee shall indicate that the unit is under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.

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SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

f. The certification shall be postmarked by January 30th of each year. **Annual compliance** certifications should be mailed to the following addresses:

Division for Air Quality Division for Air Quality

Paducah Regional Office Central Files

4500 Clarks River Road 803 Schenkel Lane Paducah, KY 42003 Frankfort, KY 40601

- 10. In accordance with 401KAR 52:030, Section 3(1)(d), the permittee shall provide the division with all information necessary to determine its subject emissions within thirty (30) days of the date the KEIS emission report is mailed to the permittee. If a KEIS emission report is not mailed to the permittee, comply with all other emission reporting requirements in this permit.
- 11. Pursuant to Section VII.3 of the policy manual of the Division for Air Quality as referenced by 401KAR 50:016, Section 1(1), results of performance test(s) required by the permit shall be submitted to the division by the source or its representative within forty-five days after the completion of the fieldwork.
- 12. The cabinet may authorize the temporary use of an emission unit to replace a similar unit that is taken off-line for maintenance, if the following conditions are met:
 - a. The owner or operator shall submit to the cabinet, at least ten (10) days in advance of replacing a unit, the appropriate Forms DEP7007AI to DD that show:
 - i. The size and location of both the original and replacement units; and
 - ii. Any resulting change in emissions;
 - b. The PTE of the replacement unit shall not exceed that of the original unit by more than twenty-five (25) percent of a major source threshold, and the emissions from the unit shall not cause the source to exceed the emissions allowable under the permit;
 - c. The PTE of the replacement unit or the resulting PTE of the source shall not subject the source to a new applicable requirement;
 - d. The replacement unit shall comply with all applicable requirements; and
 - e. The source shall notify Regional office of all shutdowns and start-ups.
 - f. Within six (6) months after installing the replacement unit, the owner or operator shall:
 - i. Re-install the original unit and remove or dismantle the replacement unit; or
 - ii. Submit an application to permit the replacement unit as a permanent change.

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SECTION G - GENERAL PROVISIONS

(a) <u>General Compliance Requirements</u>

1. The permittee shall comply with all conditions of this permit. A noncompliance shall be a violation of 401 KAR 52:030 Section 3(1)(b) and is also a violation of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act). Noncompliance with this permit is grounds for enforcement action including but not limited to the termination, revocation and reissuance, revision, or denial of a permit. [Section 1a (2) of the materials incorporated by reference in 401 KAR 52:030 Section 10]

- 2. Notification by the permittee of a planned change or anticipated noncompliance, or filing of a request for any permit revision, reissuance, or rescission shall not stay any permit condition. [Section 1a (5) of the materials incorporated by reference in 401 KAR 52:030 Section 10]
- 3. Pursuant to Section 1a (2) of the materials incorporated by reference in 401 KAR 52:030 Section 10, 401 KAR 52:030 Section 7(3), and 401 KAR 50:060 Section 2, this permit may be revised, revoked, reopened and reissued, or terminated for cause in accordance with 401 KAR 52:030 Section 18. The permit will be reopened for cause and revised accordingly under the following circumstances:
 - a. If additional applicable requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to 401KAR 52:030 Section 12;
 - b. The Cabinet or the U. S. EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements;
 - c. The Cabinet or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable. Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the division, at least thirty (30) days in advance of the date the permit is to be reopened, except that the division may provide a shorter time period in the case of an emergency.

4. The permittee shall furnish upon request information requested by the division to determine compliance with the permit or to determine if cause exists for modifying, revoking and reissuing, or terminating the permit. [Sections 1a (6) and (7) of the materials incorporated by reference in 401 KAR 52:030 Section 10]

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SECTION G - GENERAL PROVISIONS (CONTINUED)

5. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the permitting authority. [401 KAR 52:030 Section 7(1)]

- 6. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit. [Section 1a (11) of the materials incorporated by reference in 401 KAR 52:030 Section 10]
- 7. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance. [Section 1a (3) of the materials incorporated by reference in 401 KAR 52:030 Section 10]
- 8. Except as identified as state-origin requirements in this permit, all terms and conditions contained herein shall be enforceable by the United States Environmental Protection Agency and citizens of the United States. [Section 1a (12)(b) of the materials incorporated by reference in 401 KAR 52:030 Section 10]
- 9. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in 401 KAR 50:038 Section 3(6). [Section 1a (9) of the materials incorporated by reference in 401 KAR 52:030 Section 10]
- 10. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance. [401 KAR 52:030 Section 11(3)]
- 11. This permit does not convey property rights or exclusive privileges. [Section 1a (8) of the materials incorporated by reference in 401 KAR 52:030 Section10]
- 12. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Kentucky Cabinet for Natural Resources and Environmental Protection or any other federal, state, or local agency.
- 13. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry.
- 14. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders.
- 15. Permit Shield A permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance. Compliance with the conditions of this permit shall be considered compliance with:
 - (a) Applicable requirements that are included and specifically identified in this permit; and
 - (b) Non-applicable requirements expressly identified in this permit.

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SECTION G - GENERAL PROVISIONS (CONTINUED)

16. Emission units described in this permit shall demonstrate compliance with applicable requirements if requested by the division. [401 KAR 52:030 Section 3(1)(c)]

- 17. The authority to operate granted through this permit shall cease to apply if the source fails to submit additional information requested by the division after the completeness determination has been made on any application, by whatever deadline the division sets. [401 KAR 52:030 Section 8(2)]
- 18. All previously issued construction and operating permits are hereby subsumed into this permit.

(b) <u>Permit Expiration and Reapplication Requirements</u>

This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the division. [401 KAR 52:030 Section 12

(c) Permit Revisions

- 1. Minor permit revision procedures specified in 401 KAR 52:030 Section 14 (3) may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the SIP or in applicable requirements and meet the relevant requirements of 401 KAR 52:030 Section 14 (2).
- 2. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority within ten (10) days following the transfer.
- (d) <u>Construction, Start-Up, and Initial Compliance Demonstration Requirements</u> EP01 to EP07
- 1. Construction of process and/or air pollution control equipment authorized by this permit shall be conducted and completed only in compliance with the conditions of this permit.

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SECTION G - GENERAL PROVISIONS (CONTINUED)

2. Within thirty (30) days following commencement of construction and within fifteen (15) days following start-up and attainment of the maximum production rate specified in the permit application, or within fifteen (15) days following the issuance date of this permit, whichever is later, the permittee shall furnish to the Regional Office listed on the front of this permit in writing, with a copy to the division's Frankfort Central Office, notification of the following:

- a. The date when construction commenced.
- b. The date of start-up of the affected facilities listed in this permit.
- c. The date when the maximum production rate specified in the permit application was achieved.
- 3. Affected facilities that are not completed in accordance with 401 KAR 52:030 Section 3(2) shall lose the construction and operation authorization granted in this permit. Accordingly:
 - a. Construction shall commence no later than 18 months after the date of issue of this permit;
 - b. Construction shall not begin and discontinue for 18 months or more unless the construction authorized is approved as a phased project;
 - c. Construction shall be completed within 18 months of the scheduled completion date; and
 - d. Each phase of a phased construction project shall commence construction within 18 months of the projected and approved commencement date.

Upon a written request, the division may extend these time periods if the source shows good cause.

- 4. Operation of the affected facilities for which construction is authorized by this permit shall not commence until compliance with the applicable standards specified herein has been demonstrated pursuant to 401 KAR 50:055, except as provided in Section I of this permit.
- 5. This permit shall allow time for the initial start-up, operation, and compliance demonstration of the affected facilities listed herein. However, within sixty (60) days after achieving the maximum production rate at which the affected facilities will be operated but not later than 180 days after initial start-up of such facilities, the permittee shall conduct a performance demonstration *test* on the affected facilities in accordance with 401 KAR 50:055, General compliance requirements. These performance tests must be conducted in accordance with General Provision G(d)6 of this permit and the permittee must also furnish a written report of the results of such performance tests to the division's Frankfort Central Office.
- 6. Pursuant to Section VII 2.(1) of the policy manual of the Division for Air Quality as referenced by 401 KAR 50:016, Section 1.(1), at least one month prior to the date of the required performance test, the permittee shall complete and return a Compliance Test Protocol (Form DEP 6027) to the division's Frankfort Central Office. Pursuant to 401 KAR 50:045, Section 5, the division shall be notified of the actual test date at least ten (10) days prior to the test.

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SECTION G - GENERAL PROVISIONS (CONTINUED)

(e) <u>Acid Rain Program Requirements</u>

1. If an applicable requirement of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) is more stringent than an applicable requirement promulgated pursuant to Federal Statute 42 USC 7651 through 7651o (Title IV of the Act), both provisions shall apply, and both shall be state and federally enforceable.

(f) <u>Emergency Provisions</u>

- 1. Pursuant to 401 KAR 52:030 Section 23(1), an emergency shall constitute an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or other relevant evidence that:
 - a. An emergency occurred and the permittee can identify the cause of the emergency;
 - b. The permitted facility was at the time being properly operated;
 - c. During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and,
 - d. The permittee notified the division as promptly as possible and submitted written notice of the emergency to the division within two (2) working days of the time when emission limitations were exceeded due to the emergency. The notice shall include a description of the emergency, steps taken to mitigate emissions, and the corrective actions taken.
- 2. Notification of the division does not relieve the source of any other local, state or federal notification requirements.
- 3. Emergency conditions listed in General Provision G(f)1 above are in addition to any emergency or upset provision(s) contained in an applicable requirement. [401 KAR 52:030 Section 23(3)]
- 4. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof. [401 KAR 52:030 Section 23(2)]

(g) Risk Management Provisions

1. The permittee shall comply with all applicable requirements of 401 KAR Chapter 68, Chemical Accident Prevention, which incorporates by reference 40 CFR Part 68, Risk Management Plan provisions. If required, the permittee shall comply with the Risk Management Program and submit a Risk Management Plan to:

RMP Reporting Center P.O. Box 3346 Merrifield, VA, 22116-3346

2. If requested, submit additional relevant information by the division or the U.S. EPA.

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SECTION G - GENERAL PROVISIONS (CONTINUED)

(h) Ozone depleting substances

1. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:

- a. Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.
- c. Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
- d. Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the recordkeeping requirements pursuant to 40 CFR 82.166.
- e. Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
- f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.
- 2. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

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SECTION H – ALTERNATE OPERATING SCENARIOS

None

SECTION I - COMPLIANCE SCHEDULE

None